

MATERIAL SAFETY DATA SHEET
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BENZENE

BOILING POINT : 176 (F) 80 (C)
VAPOR PRESSURE(20 C) : 75 MM HG
VAPOR DENSITY(AIR=1) : 2.8

*** IV FIRE AND EXPLOSION DATA ***

FLASH PT: 10 (F) -12 (C) BY PMCC IGNITION TEMP: 700 (F) 370 (C)
FLAMMABLE LIMITS IN AIR(%): LOWER 1 UPPER 12
SENSITIVITY TO MECHANICAL IMPACT (Y/N): N
SENSITIVITY TO STATIC DISCHARGE:
SENSITIVITY TO STATIC DISCHARGE IS EXPECTED; MATERIAL HAS A
FLASH POINT BELOW 200 F.

EXTINGUISHING MEDIA:

ALCOHOL FOAM
CARBON DIOXIDE
DRY CHEMICAL
FOAM
WATER MIST

SPECIAL FIREFIGHTING PROCEDURES:

EXTREMELY FLAMMABLE.
WEAR FULL PROTECTIVE CLOTHING.

*** V REACTIVITY DATA ***

STABILITY: HAZARDOUS:
X STABLE UNSTABLE POLYMERIZATION WILL NOT OCCUR
HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS:

CARBON MONOXIDE.
CARBON DIOXIDE.
SILICON DIOXIDE.
OXIDES OF NITROGEN.

INCOMPATIBILITY (MATERIALS TO AVOID):

CONTACT WITH OXIDIZING AGENTS.

CONDITIONS TO AVOID:

KEEP AWAY FROM HEAT, SPARKS AND FLAME.
AVOID ANY SOURCE OF IGNITION.

*** VI HEALTH HAZARD DATA ***

ACUTE SIGNS/EFFECTS OF OVEREXPOSURE:

INGESTION:

HARMFUL IF SWALLOWED.
CAUSES VOMITING, NAUSEA, AND DIARRHEA
IRRITATION OF THE MOUTH, THROAT, AND STOMACH

SKIN CONTACT:

CAUSES DRYING OF THE SKIN.
HARMFUL IF ABSORBED THRU THE SKIN.

INHALATION:

EXCESSIVE INHALATION CAUSES HEADACHE, DIZZINESS, NAUSEA AND